$$Q\left[W-O-\overset{\overset{\displaystyle O}{\|}}{C}-\overset{\overset{\displaystyle R}{|}}{C}{=}CH_2\right]_n$$
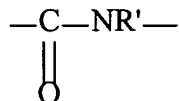
wherein:

Q is a moiety of a valence n, with a straight, branched or cyclic structure, comprising at least two units of formula:

$$-\overset{\overset{\displaystyle}{\|}}{\underset{\underset{\displaystyle O}{\|}}{C}}-NR'-$$

W is a divalent alkyl moiety, with a straight or branched structure, containing from 1 to 5 carbon atoms,
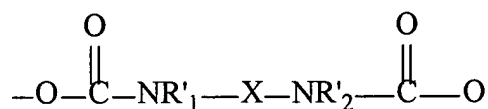
n varies from 2 to 4,

R represents H or CH_3, and

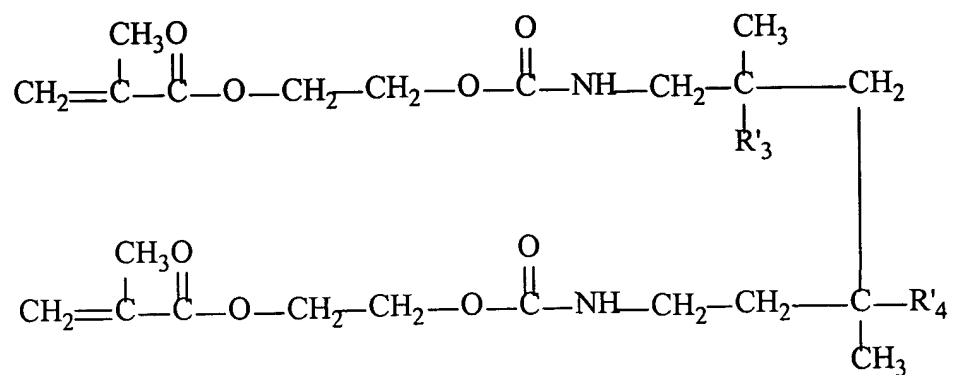R^1 represents H or a valence link.

7. (Amended) The composition of claim 6, wherein W represents the $-CH_2CH_2-$ moiety.

8. (Amended) The composition of claim 6, wherein, in the monomer formula (II), the Q moiety is a divalent moiety having the following formula:

$$-O-\overset{\overset{\displaystyle O}{\|}}{C}-NR'_1-X-NR'_2-\overset{\overset{\displaystyle O}{\|}}{C}-O$$

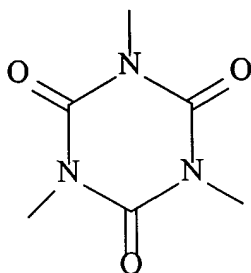wherein X represents a straight or a branched divalent alkyl chain [having from 1 to 5 carbon atoms, preferably from 8 to 12 carbon atoms], and R'_1 and R'_2 independent from one another represent H or CH_2.

9. (Amended) The composition of claim 8, wherein the monomer (II) has the following formula:

$$CH_2{=}\underset{\underset{\displaystyle CH_3}{|}}{C}{-}\underset{\underset{}{\overset{\displaystyle O}{\|}}}{C}{-}O{-}CH_2{-}CH_2{-}O{-}\underset{\overset{\displaystyle O}{\|}}{C}{-}NH{-}CH_2{-}\underset{\underset{\displaystyle R'_3}{|}}{\overset{\overset{\displaystyle CH_3}{|}}{C}}{-}CH_2$$

$$CH_2{=}\underset{\underset{\displaystyle CH_3}{|}}{C}{-}\underset{\overset{\displaystyle O}{\|}}{C}{-}O{-}CH_2{-}CH_2{-}O{-}\underset{\overset{\displaystyle O}{\|}}{C}{-}NH{-}CH_2{-}CH_2{-}\underset{\underset{\displaystyle CH_3}{|}}{C}{-}R'_4$$

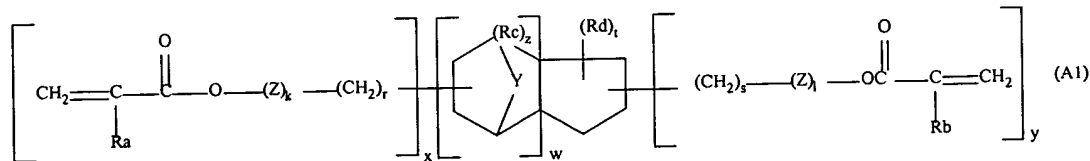wherein R'$_3$ and R'$_4$ represent, independently from one another, H or CH$_2$.
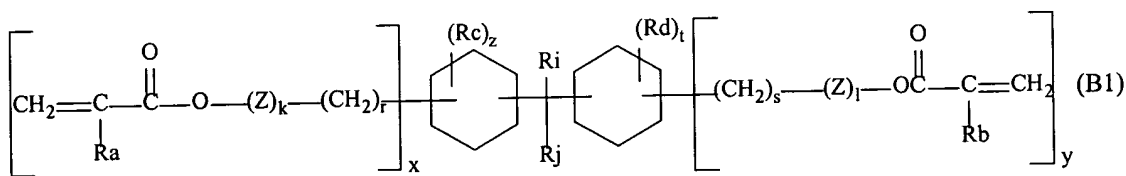
10. (Amended) The composition of claim 6, wherein, in the monomer formula (II), Q represents a trivalent moiety of formula:
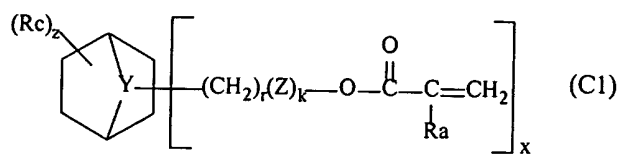
11. (Amended) The composition of claim 10, wherein the monomer (II) has the following formula:

$$CH_2=C-\overset{\overset{\displaystyle O}{\parallel}}{C}-O-CH_2-CH_2-N\underset{\underset{\displaystyle O}{}}{\overset{}{\diagdown}}...N-CH_2-CH_2-O-\overset{}{\underset{\underset{\displaystyle R''_1}{}}{C}}-C=CH_2$$

wherein R''$_1$, R''$_2$, and R''$_3$ represent, independently from each other, H or CH$_3$.

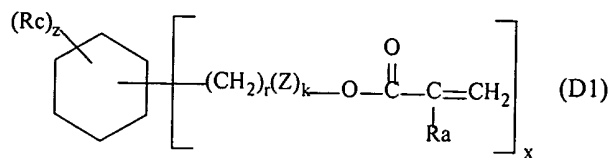*12.* (Amended) The composition of claim 1, further defined as comprising 30 to 40 parts by weight of monomer (II).

13. (Amended) The composition of claim 1, wherein the monomer (III) with a high Abbe number comprises at least one non aromatic cyclic or polycyclic hydrocarbon moiety.

14. (Amended) The composition of claim *12*, wherein the monomer (III) has a formula of:

$$\left[CH_2=C-\overset{\overset{\displaystyle O}{\parallel}}{\underset{\underset{\displaystyle Ra}{}}{C}}-O-(Z)_k-(CH_2)_r\right]_x \overset{(Rc)_z}{\underset{}{\diagdown}}\overset{Ri}{\underset{Rj}{}}\overset{(Rd)_t}{\diagdown}\left[(CH_2)_s-(Z)_l-O\overset{\overset{\displaystyle O}{\parallel}}{C}-\overset{}{\underset{\underset{\displaystyle Rb}{}}{C}}=CH_2\right]_y \quad (B1)$$

$$\left[CH_2=C-\overset{\overset{\displaystyle O}{\parallel}}{\underset{\underset{\displaystyle Ra}{}}{C}}-O-(Z)_k-(CH_2)_r\right]_x \overset{(Rc)_z}{\underset{w}{\diagdown}}\overset{(Rd)_t}{\diagdown}\left[(CH_2)_s-(Z)_l-O\overset{\overset{\displaystyle O}{\parallel}}{C}-\overset{}{\underset{\underset{\displaystyle Rb}{}}{C}}=CH_2\right]_y \quad (A1)$$

$$(Rc)_z \overbrace{}^{Y} \left[(CH_2)_r(Z)_k - O - \overset{\overset{O}{\|}}{C} - \underset{\underset{Ra}{|}}{C} = CH_2 \right]_x \quad (C1)$$

or

$$(Rc)_z \overbrace{} \left[(CH_2)_r(Z)_k - O - \overset{\overset{O}{\|}}{C} - \underset{\underset{Ra}{|}}{C} = CH_2 \right]_x \quad (D1)$$
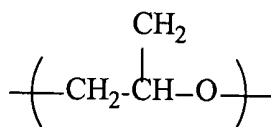
wherein:

Y is a divalent moiety selected amongst –0-, -CH3)2-, -C(H)(CH3)-,

Z is a divalent moiety selected amongst –(CH2)p-0-, p being an integer from 1 to 4, and

$$\left(CH_2\text{-}\overset{\overset{CH_2}{|}}{CH}\text{-}O \right)$$

R_a, R_b represent H or CH_3, R_c, R_d represent, independently from one another, a straight or a branched alkyl moiety, having from 1 to 6 carbon atoms,

R_i, R_j represent, independently from one another, a straight or a branched alkyl moiety, having from 1 to 10 carbon atoms,
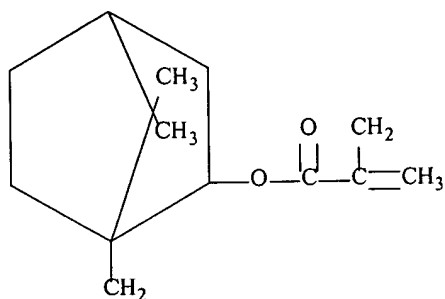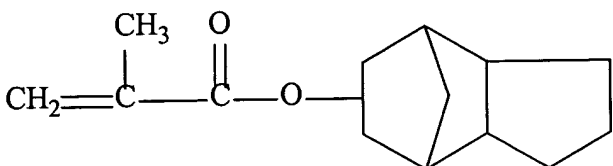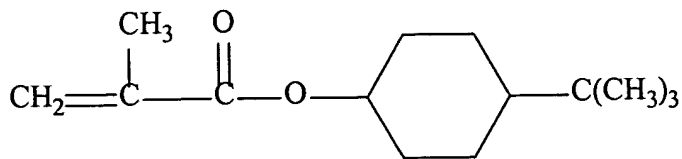
w is an integer of 1 to 3, x is an integer of 0 to 3, y is an integer of 0 to 3, providing that x + y is equal to or higher than 1, k is an integer of 0 to 6, 1 is an integer of 0 to 6, r is an integer of 0 to 6, s is an integer of 0 to 6, z is an integer of 0 to 3 and t is an integer of 0 to 3.
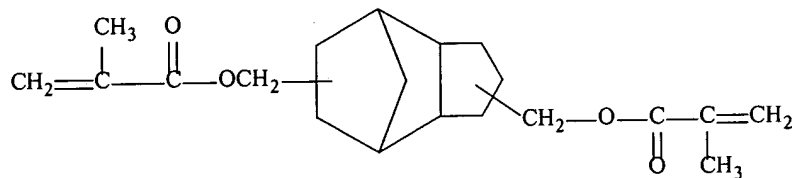
15. (Amended) The composition of claim 14, wherein the monomer (III) has a formula of:

CH₃ structures:

$$CH_2=\underset{\underset{CH_3}{|}}{C}-\underset{\underset{O}{\|}}{C}-O-\text{(cyclohexyl)}-C(CH_3)_3$$

$$CH_2=\underset{\underset{CH_3}{|}}{C}-\underset{\underset{O}{\|}}{C}-O-\text{(tricyclic)}$$

(bicyclic structure with CH_3, CH_3, CH_2 substituents)

$$-O-\underset{\underset{O}{\|}}{C}-\underset{\underset{CH_2}{|}}{C}-CH_3$$

or

$$CH_2=\underset{\underset{CH_3}{|}}{C}-\underset{\underset{O}{\|}}{C}-OCH_2-\text{(tricyclic)}-CH_2-O-\underset{\underset{O}{\|}}{C}-\underset{\underset{CH_3}{|}}{C}=CH_2$$

<s>15</s> / <s>16.</s> (Amended) The composition of claim 1, further defined as comprising from 10 to 30 parts by weight of monomer (III).

<s>16</s> / <s>17.</s> (Amended) The composition of claim 1, wherein the monomers (II) and (III) each provide, through homopolymerization, a homopolymer with a refraction index lower than or equal to 1.54.

17 18. (Amended) The composition of claim 1, further defined as comprising one or more monomers (IV) polymerizable by radical mechanism and that are different from the monomers (I), (II) and (III), in a proportion of 0 to 40% by weight based on the total weight of monomers (I), (II) and (III).

18 19. (Amended) The composition of claim 1, wherein the monomer (IV) is such that its homopolymer has a refraction index lower than or equal to 1.54.

19 20. (Amended) The composition of claim 1, further defined as having a viscosity lower than or equal to 0.3 Pa.s.

21. (Amended) A transparent polymer substrate with a refraction index varying between 1.48 and 1.52, characterized in that it is obtained through polymerization of the composition of claim 1.

21 22. (Amended) An optical lens comprising a polymer substrate of claim 21 20.

22 23. (Amended) The optical lens of claim 22 21, further defined as an ophthalmic lens.

23 24. (Amended) The optical lens of claim 23 22, wherein the lens comprises glass.

Please add new claims 25-27 as follows:

24 25. (New) The method of claim 8, wherein X represents a straight or a branched divalent alkyl chain having from 1 to 12 carbon atoms.

25 26. (New) The method of claim 25 24, wherein X represents a straight or a branched divalent alkyl chain having from 1 to 5 carbon atoms.